

CLAIM AMENDMENTS

Please amend the Claims as follows:

1-20 (Canceled)

21. (New)

A print data processing apparatus comprising:

a receiver for receiving print data;

a receiving buffer for temporarily storing the print data received by the receiver;

a receiving controller for temporarily stopping receiving processing of the print data performed by the receiver;

an auxiliary storage device which can store the print data; and

a write controller for controlling write processing to write the print data stored in the receiving buffer into the auxiliary storage device;

wherein the receiving controller temporarily stopping the receiving processing of the print data when the free space in the receiving buffer has run out, and resuming the receiving processing of the print data performed by the receiver by canceling the temporary stopping processing

when the free space in the receiving buffer is above the predetermined value in a condition that the receiving processing of the print data is being temporarily stopped; and

wherein the write controller starting the write processing to write the print data stored in the receiving buffer into the auxiliary storage device when the free space in the receiving buffer has run out, and stopping the write processing when the free space in the receiving buffer is above a predetermined value by the print data being read from the receiving buffer before completion of the write processing, the write controller destroying the print data written into the auxiliary storage device in write processing at this time from the auxiliary storage device, and, when the write processing is completed, emptying the space of the receiving buffer where the print data written into the auxiliary storage device in this write processing has been stored.

22. (New)

A print data processing apparatus according to claim 21, wherein

the receiving controller switches receiving processing of the print data to a fast receiving mode, a slow receiving mode in which the receiving processing is slower than in the fast receiving mode, and a suspend mode which suspends the receiving processing, and wherein when an amount of print data stored in the receiving buffer is below a first threshold value, the receiving controller sets the receiving processing into the fast receiving mode, and when the amount of print data stored in the receiving buffer has exceeded a second threshold value, the receiving controller sets the receiving processing into the slow receiving mode, and when the free space in the receiving buffer has run out, the receiving controller sets the receiving processing into the suspend mode, and when, in a condition of the suspend mode, the free space in the receiving buffer is below a third threshold value in which free space of a predetermined amount is generated in the receiving buffer, the receiving controller resumes the receiving processing of the print data by canceling the suspend mode.

23. (New)

A print data processing apparatus according to claim 22, wherein

the write controller starts write processing to write the print data stored in the receiving buffer into the auxiliary storage device when a free space in the receiving buffer has run out, and stops the write processing, when an amount of print data stored in the receiving buffer is below the third threshold value by the print data being read from the receiving buffer before completion of the write processing, and

wherein the write controller destroys the print data written into the auxiliary storage device in write processing at this time from the auxiliary storage device, and, when the write processing is completed, empties the space of the receiving buffer where the print data written into the auxiliary storage device in this write processing has been stored.

24. (New)

A print data processing apparatus according to claim 21, further comprising

a developing unit for reading the print data from the receiving buffer or the auxiliary storage device to develop the print data into image data,

wherein, when the print data which has finished with the write processing is present in the auxiliary storage device, the developing unit reads the print data in order of writing from the auxiliary storage device to develop the print data into image data, and

wherein, when the print data which has finished with the write processing is not present in the auxiliary storage device, the developing unit reads the print data from the receiving buffer to develop the print data into the image data.

25. (New)

A print data processing apparatus according to claim 22, further comprising

a developing unit for reading the print data from the receiving buffer or the auxiliary storage device to develop the print data into image data,

wherein, when the print data which has finished with the write processing is present in the auxiliary storage device, the developing unit reads the print data in order of writing from the auxiliary storage device to develop the print data into image data, and

wherein, when the print data which has finished with the write processing is not present in the auxiliary storage device, the developing unit reads the print data from the receiving buffer to develop the print data into the image data.

26. (New)

A print data processing apparatus according to claim 23, further comprising

a developing unit for reading the print data from the receiving buffer or the auxiliary storage device to develop the print data into image data,

wherein, when the print data which has finished with the write processing is present in the auxiliary storage device, the developing unit reads the print data in order of writing from the auxiliary storage device to develop the print data into image data, and

wherein, when the print data which has finished with the write processing is not present in the auxiliary storage device, the developing unit reads the print data from the receiving buffer to develop the print data into the image data.

27. (New)

A data processing apparatus comprising:

a receiver for receiving data;

a receiving buffer for temporarily storing the data received by the receiver;

a receiving controller for temporarily stopping receiving processing of the data performed by the receiver;

an auxiliary storage device which can store the data;

and

a write controller for controlling write processing to write the data stored in the receiving buffer into the auxiliary storage device;

wherein the receiving controller temporarily stopping the receiving processing of the data when the free space in the receiving buffer has run out, and resuming the receiving processing of the data performed by the receiver by canceling the temporary stopping processing when the free space in the receiving buffer is above the

predetermined value in a condition that the receiving processing of the data is being temporarily stopped; and

wherein the write controller starting the write processing to write the data stored in the receiving buffer into the auxiliary storage device when the free space in the receiving buffer has run out, and stopping the write processing when the free space in the receiving buffer is above a predetermined value by the data being read from the receiving buffer before completion of the write processing, the write controller destroying the data written into the auxiliary storage device in write processing at this time from the auxiliary storage device, and, when the write processing is completed, emptying the space of the receiving buffer where the data written into the auxiliary storage device in this write processing has been stored.

28. (New)

A data processing apparatus according to claim 27, further comprising:

a processing unit for sequentially reading the data from the receiving buffer or the auxiliary storage device to conduct a predetermined processing to the data,

wherein, when the data which has finished with the write processing is present in the auxiliary storage device, the processing unit reads the data in order of writing from the auxiliary storage device to conduct the predetermined processing to the data, and

wherein, when the data which has finished with the write processing is not present in the auxiliary storage device, the processing unit reads the data from the receiving buffer to conduct the predetermined processing to the data.